

# TP 00516

TP-00516

NOAA FORM 76-35	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
Type of Survey ..Special.. Surveys.....	
Job No. ...CM-7402.....	Map No. TP-00516.....
Classification No. Final	Edition No. ....1.....
Field Edited Map	
LOCALITY	
State ..North Carolina.....	
General Locality ..Beaufort Inlet.....	
Locality ....Bogue Banks.....	
<hr/> 1973 TO 1974 <hr/>	
REGISTRY IN ARCHIVES	
DATE .....	

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE  Coastal Mapping Division(Rockville)		SURVEY TP.00516  MAP EDITION NO. (1)  MAP CLASS Final  JOB CM-7402	
OFFICER-IN-CHARGE  Commander Wesley V. Hull		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED  JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
General Instructions-OFFICE-5/10/74 General Instructions-OFFICE-Amendment I, 8/10/74		Instructions-Photography-10/23/73 Instructions-Field-10/30/73 Instructions-FIELD EDIT-8/21/74	
<b>II. DATUMS</b>			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH-AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify) National Geodetic Vertical Datum of 1929.	
3. MAP PROJECTION  Lambert Conformal		4. GRID(S) STATE ZONE North Carolina N.A. STATE ZONE	
5. SCALE 1:5,000			
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION Analytic; Block METHOD: Adjustment LANDMARKS AND AIDS BY		D.O.Norman N.A.	5/74 
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY		D.Phillips N.A.	5/24/74 
3. STEREOSCOPIC INSTRUMENT contours & PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: B-8 photobathymetry 1:3,000 pantographed to 1:5,000 CHECKED BY		J.Taylor & P.Dempsey G. Fromm J.Taylor & P.Dempsey G. Fromm	8/9/74 8/9/74 8/9/74 8/9/74
4. MANUSCRIPT DELINEATION contours & PLANIMETRY BY photobathymetry CHECKED BY METHOD: Smooth compilation drafting SCALE: 1:5,000 HYDRO SUPPORT DATA BY CHECKED BY		G. Fromm E.L.Rolle G. Fromm E.L.Rolle N.A. N.A.	8/14/74 8/19/74 8/14/74 8/19/74  
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		E.L.Rolle	8/28/74
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		J.L.Hancock B.Kurs	10/15/74 10/22/74
7. COMPILATION SECTION REVIEW BY		E.L.Rolle	8/27/74
8. FINAL REVIEW BY		E.L.Rolle	5/76
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		E.L.Rolle	5/76
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. CATPK	5/76

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TP-00516

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 RC-8 3.5" focal length 6" focal length		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED color		TIME REFERENCE ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input checked="" type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY					
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
73C(C)6391,93,95,97 99,6401,03	11/12/73	1328-1336	1:7,500	Refer to the follow- ing page for tidal information.	
73E(I)2312-2320	11/12/73	1328-1336	1:4,300		

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The source of the MHW line is the tide-coordinated color photography listed above under item 1.

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The source of the MLW line is the tide-coordinated color photography and black-and-white ratios of the color infrared photography listed above under item 1.

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

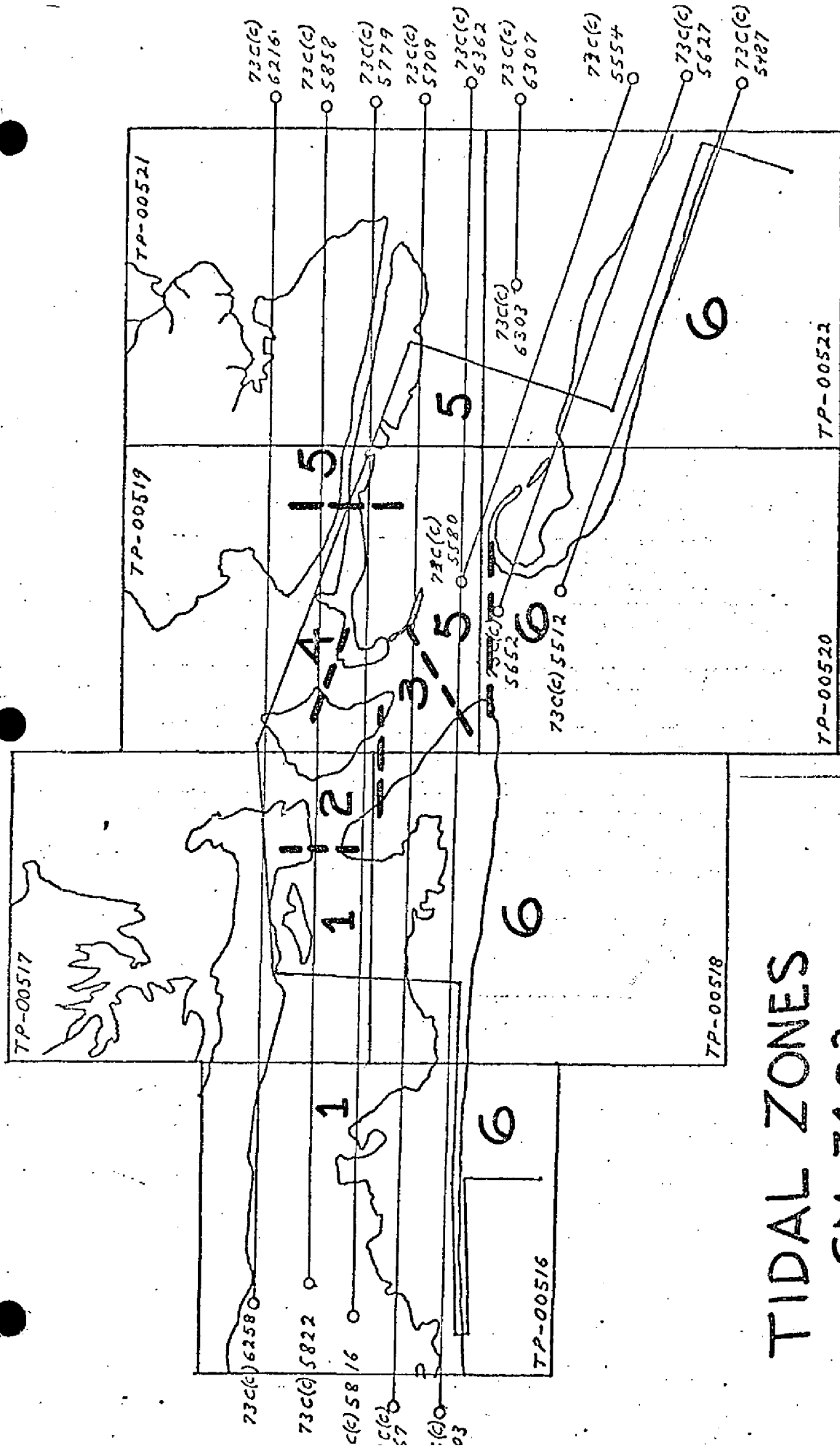
## 5. FINAL JUNCTIONS

NORTH No contem- porary Survey	EAST TP-00518	SOUTH No contem- porary Survey	WEST No contem- porary Survey
REMARKS As this is a special job, no attempt was made to junction with other NOS jobs in the area.			

TP-00516  
TIDE INFORMATION

③

PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)		STAGE OF TIDE Feet	MEAN RANGE Feet
	<u>TIDE STATION</u>	<u>TIDAL ZONE*</u>		
73C(C)6391-6403	Tripple Ess Marina	1	+1.10MLW	2.64
73C(C)6391-6403	Atlantic Beach	6	-0.10MLW	3.76
73E(I)2312-2320	Atlantic Beach	6	-0.10MLW	3.76
*Refer to the following page for a Tidal Zone Diagram.				



# TIDAL ZONES CM-7402 Beaufort Inlet, N.C.

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	Sept. 1974
2. HORIZONTAL CONTROL	RECOVERED BY R. D. Black	Oct. 1973
	ESTABLISHED BY " " "	" "
	PRE-MARKED OR IDENTIFIED BY " " "	" "
3. VERTICAL CONTROL	RECOVERED BY " " "	" "
	ESTABLISHED BY " " "	" "
	PRE-MARKED OR IDENTIFIED BY G. T. Jamerson	Sept. 1974
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY N.A.	
	LOCATED (Field Methods) BY "	
	IDENTIFIED BY "	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY R. E. Kesselring	Sept. 1974
	<input type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY N.A.	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  
Pre-mark 32. VERTICAL CONTROL IDENTIFIED  
Pre-mark 3

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details) Field Edit:  
73C(C) 6399; 73C(C) 6393; 73C(C) 6395 / 63974. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED  
N.A.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE7. SUPPLEMENTAL MAPS AND PLANS  
2 Sketches

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

5- Form 76-53 Control Station Identification  
C&GS-152

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NOAA FORM 76-36D  
(3-72)

U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TP-00516

# RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit.	Aug. 1974	Class III Manuscript		Aug. 1974
Field Edit Applied	Dec. 1974	Class I Manuscript		Dec. 1974

## II. LANDMARKS AND AIDS TO NAVIGATION

### 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: \_\_\_\_\_

3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## III. FEDERAL RECORDS CENTER DATA

- ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
- ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
- ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: \_\_\_\_\_

## IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY  MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

REVISED 9-11-74  
EJL



SUMMARY  
TP-00516 thru TP-00522

Under a cooperative agreement with the Corps of Engineers, Wilmington District, which became effective August 1973, these seven maps (TP-00516 thru 522) were compiled at 1:5,000 scale in the area of Beaufort Inlet, North Carolina.

The purpose of this special survey is to provide data for the Corps of Engineers on siltration rates in the entrance channel and harbor complex, possible impacts of entrance channel deepening on adjacent beaches, possible changes effected by dredging on the tidal prism and the circulation pattern, to update and establish tidal datums, and to update nautical charts in the area.

Field operations, which began in October 1973, generally consisted of aerial photography, establishment of tidal datums, pre-marking of horizontal and vertical control, and field edit.

Aerotriangulation and compilation tide-coordinated photography was furnished at 1:7,500 scale from natural color film taken with the Wild RC-10 super-wide-angle camera. Supplemental black-and-white infrared tide-coordinated photography at 1:4,300 scale, taken concurrently in an independent mode using color infrared film in the RC-8 camera, was also furnished.

Nine strips of the 1:7,500 scale photography were bridged by analytic aerotriangulation methods and adjusted to ground with the block adjustment program. Fourteen horizontal control stations, fifteen vertical control stations, and fifteen vertical points from the tide-coordinated infrared photography were weighted in the block adjustment. This provided horizontal and vertical control for compilation.

Compilation photography was the 1:7,500 scale photography and the supplemental infrared photography. The Wild B-8, using the 1:7,500 scale photography was used to compile planimetry, topography, and photobathymetry. The topography consists of 2-foot interval contours and spot elevations referred to the National Geodetic Vertical Datum of 1929. The photobathymetry consists of discrete soundings and 2-foot interval depth curves referred to the Mean Low Water Datum established by NOS.

All line work is smooth compilation drafting.

One plastic copy and ten ozalid copies of each map was furnished to:

Department of the Army  
Wilmington District, Corps of Engineers  
P.O. Box 1890  
Wilmington, North Carolina 28401  
ATTN: Mr. R.P. Masterson, Jr.

A Chart Maintenance Print for each map was submitted to the Marine Chart Division.

The following items are registered in the Bureau Archives:

1. A plastic copy of each map (1:5,000 scale).
2. A Descriptive Report for each map.

Negatives for each map are filed in the Reproduction Division.

All field data are filed in the National Archives.

## FIELD INSPECTION

TP-00516

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal and vertical control necessary for aerotriangulation.

Photogrammetric Plot Report  
Beaufort Inlet, North Carolina  
CM-7402  
May 1974

21. Area Covered.

This report pertains to seven sheets in the vicinity of Beaufort Inlet, North Carolina. The sheets are TP-00516 thru TP-00522.

22. Method.

Nine strips (see sketch) of 1:7,500 scale color photography were bridged by analytic aerotriangulation methods and adjusted to ground with the block adjustment program. Points were established for determining ratios of 1:4,300 scale infrared support photography. Sufficient points were plotted by the Coradomat for setting models for compilation. These points were plotted in the North Carolina State Plane Coordinate System.

23. Adequacy of Control.

The control was adequate. Fourteen horizontal control stations were weighted in the block adjustment. The largest residual in the fit to horizontal control was .4 foot.

Fifteen vertical control targets were weighted. The largest residual in the fit to these targets was one-half foot. In addition to these targeted points, thirty-nine vertical control points were established from the tide-related infrared photography. Fifteen of these points were weighted in the block adjustment. The largest residual in the fit to control of all thirty-nine points was 1.28 feet. This point was in the critical area as were three other points with residuals greater than 1 foot. The average residual of non-weighted vertical points in the critical area was .54 foot.

24. Supplemental Data. - None was used.

25. Photography.

There was a noticeable scale difference on the edge of adjacent photographs. This produced some error in measurement that could not be compensated for.

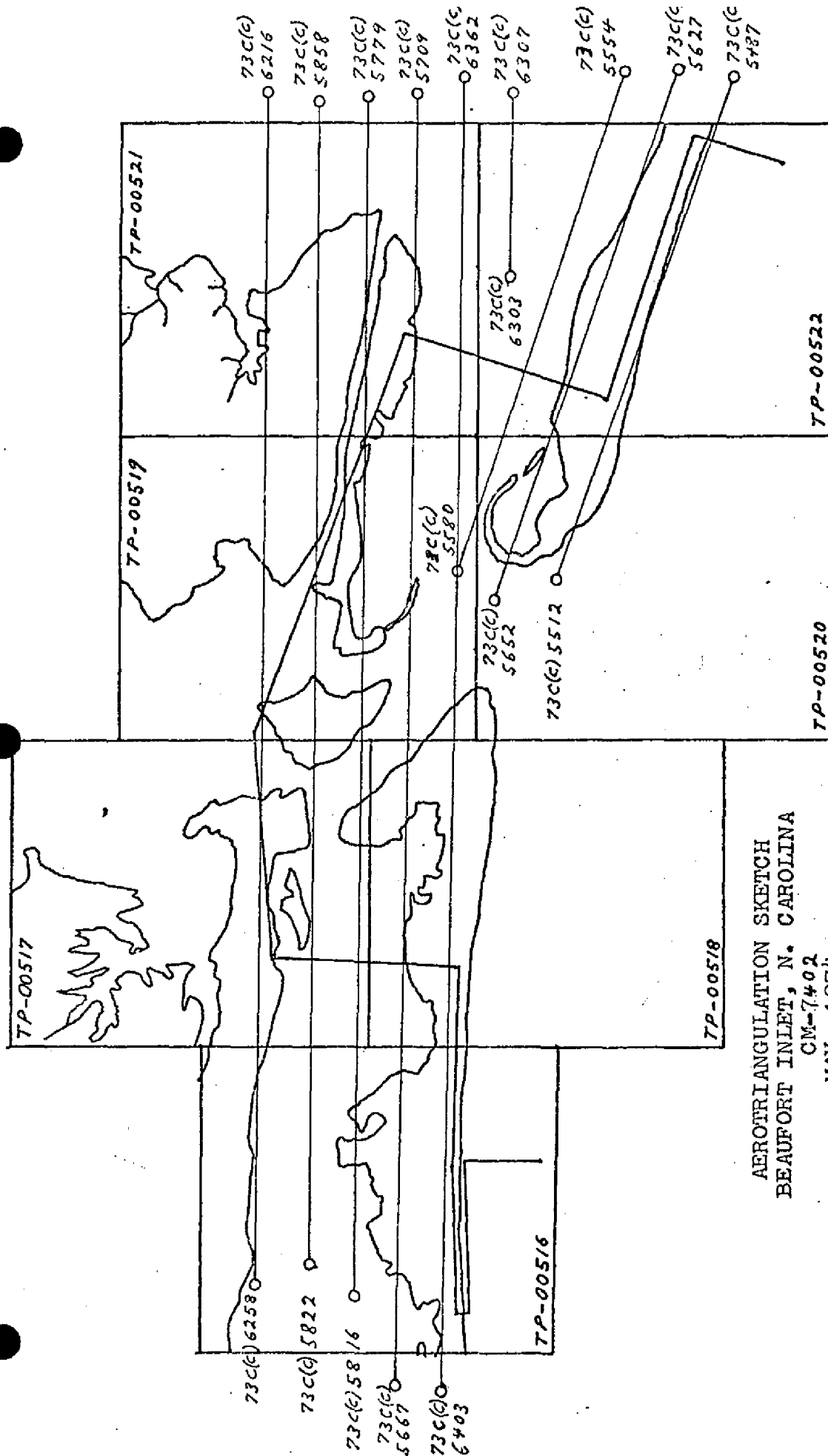
Submitted by,

*Don O. Norman*

Don O. Norman

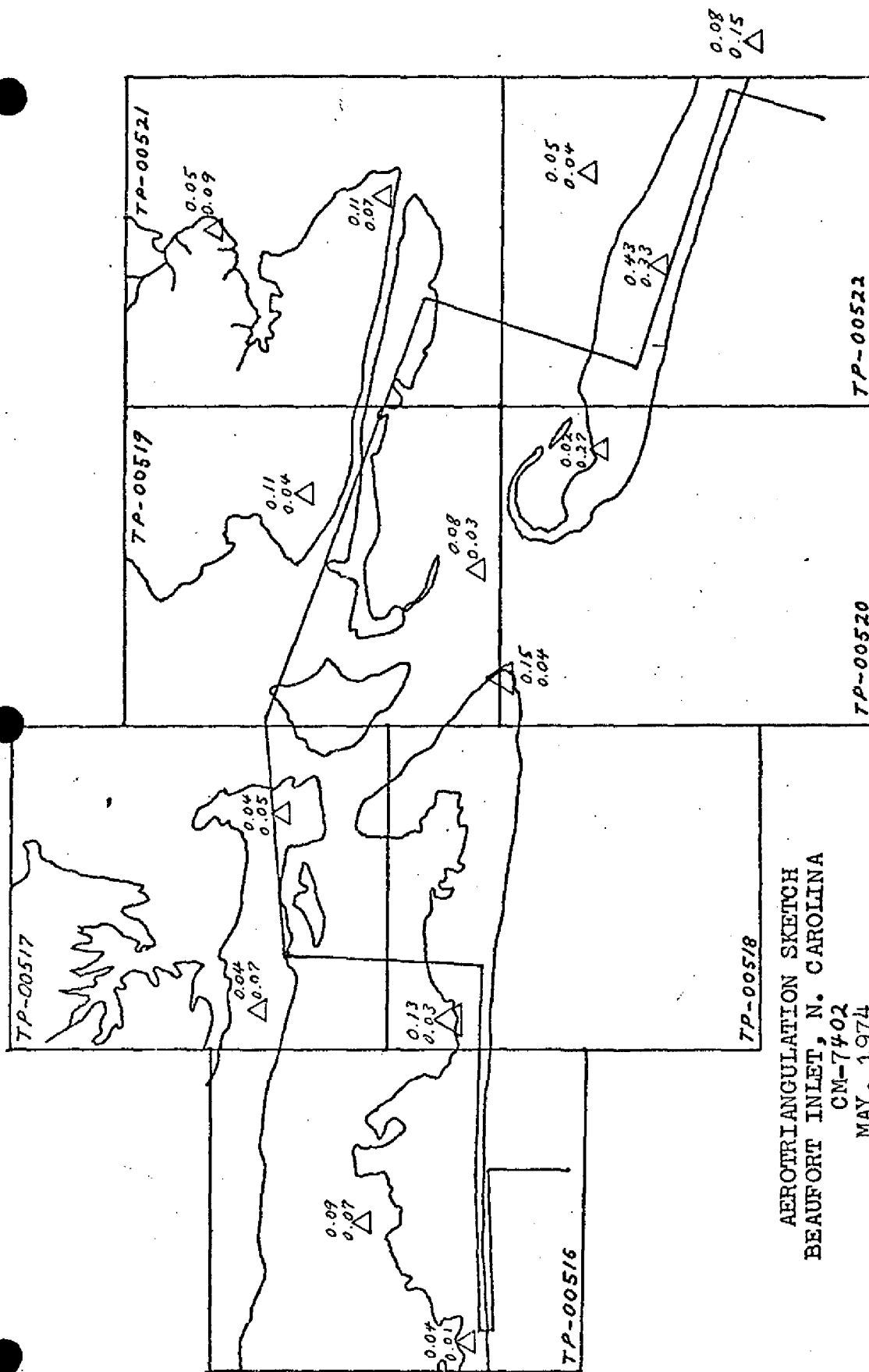
Approved by:

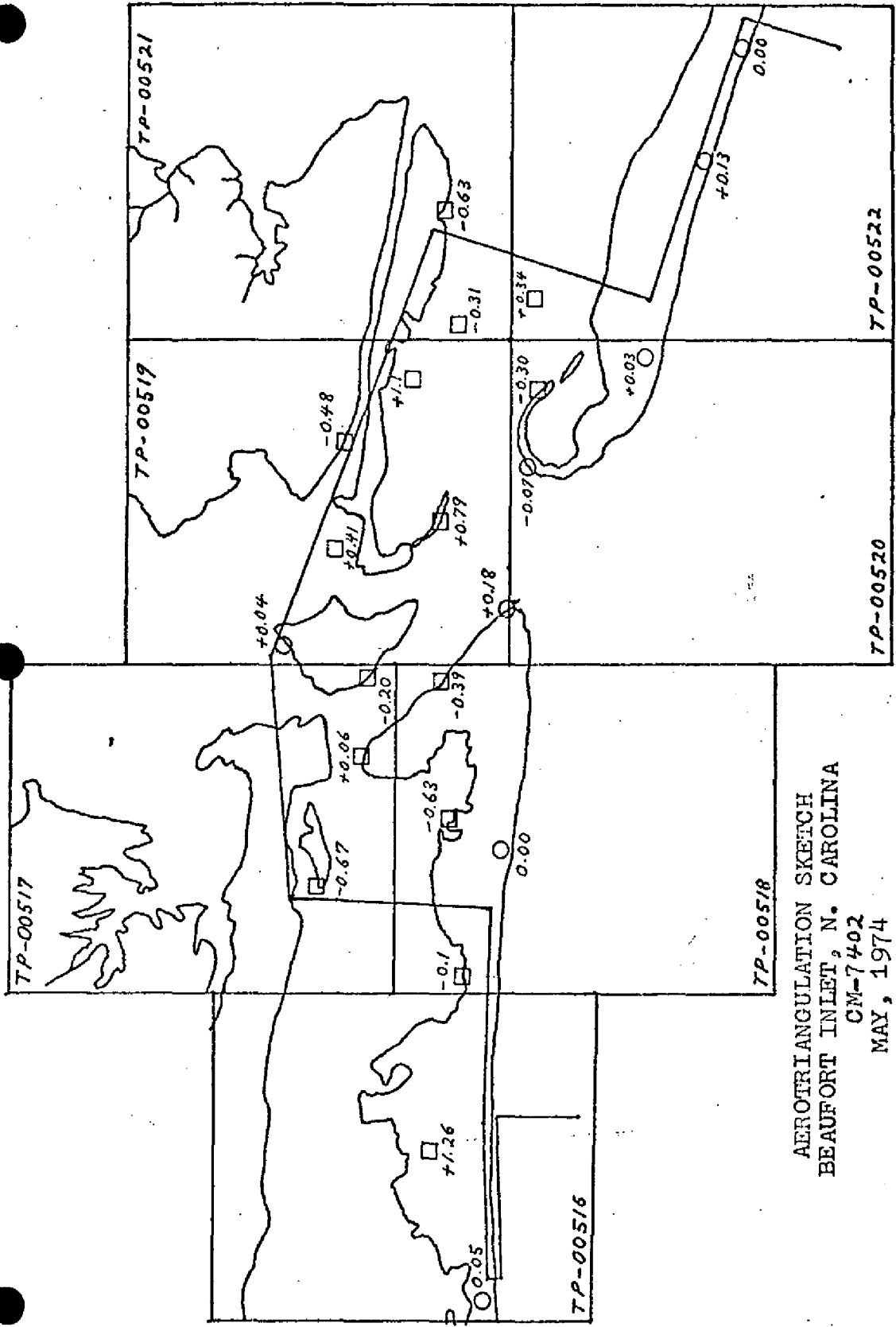
*John D. Perrow, Jr.*  
John D. Perrow, Jr.



AEROTRIANGULATION SKETCH  
 BEAUFORT INLET, N. CAROLINA  
 CM-7402  
 MAY, 1974

Bridging Photography





AEROTRIANGULATION SKETCH  
BEAUFORT INLET, N. CAROLINA  
CM-7402  
MAY, 1974

Vertical Control  
O targets, weighted in block  
□ points from infrared photography

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- TP-00516 PROJECT NO. CM-7402 SCALE OF MAP 1:5,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	X LATITUDE-OR-* COORDINATE Y LONGITUDE-OR-* COORDINATE		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD (BACK)
*DRUM, 1927	N.C. VOL III Page 2944	N.A. 1927	2,675,686.77		
B3 BATTERY 7, 1943	N.C. VOL III Page 2935	"	356,910.02		
*POLICE, 1962	N.C. VOL III Page 2932	"	2,670,450.31		
*CASH 2, 1956	N.C. VOL III Page 2948	"	352,373.29		
*PARK, 1927	N.C. VOL III Page 2942	"	2,672,248.25		
MOREHEAD CITY SECTION	N.C. VOL III Page 2941	"	353,666.31		
*BASE OBS TOWER, 1943	N.C. VOL III Page 2940	"	2,680,138.41		
MOREHEAD CITY CAMP	N.C. VOL III Page 2940	"	354,924.43		
*GLEN WATER TANK=CAR, 1927	N.C. VOL III Page 3316	"	2,681,530.44		
*COMET (NCGS), 1968	N.C. VOL III Page 3316	"	361,095.83		
			2,674,712.70		
			361,794.72		
			2,673,900.13		
			362,243.40		
			2,670,290.68		
			363,046.04		
*stations not shown	on manuscript				
COMPUTED BY	DATE	CHECKED BY	DATE		
		M. Mc Ginley	February 2, 1974		
					(15)



## Compilation Report

TP-00516

31. Delineation

The map was compiled on the Wild B-8 stereoplotter using the 1:7,500 scale color photography. Black-and-white ratio photos, taken concurrently on color infrared film, were used graphically to supplement compilation of the mean low water line.

32. Control

Refer to the Photogrammetric Plot Report bound with this Descriptive Report.

The identification, density, and placement of horizontal and vertical control was adequate.

33. Supplemental Data - None34. Contours and Drainage

Although inconsistent color tone qualities of the photography impeded contour compilation, it had little or no effect on contour accuracy.

The mean range of tide is greater than the contour interval, hence, the 2 foot contour line is delineated below the mean high water line.

There was no significant drainage compiled on this map.

35. Shoreline and Alongshore Details

There was no preliminary field inspection of the shoreline.

The mean high water line and the mean low water line were compiled on the B-8 stereoplotter using contour compilation methods. Control data for this compilation was furnished by field methods and the photogrammetric plot.

Shoal areas were delineated from office interpretation of the photography and referred to the field editor.

36. Offshore Details and Photobathymetry

All discrete underwater depths (soundings), 2 foot interval underwater contours (depth curves) and all other pertinent offshore details were compiled on the B-8 stereoplotter. Areas of questionable compilation accuracy were referred to the field editor and/or the hydrographic party for verification.

Sun glare and surf along the ocean side of Bogue Banks limited photo-bathymetry.

37. Landmarks and Aids

All landmarks and nonfloating aids, identifiable on the photography, were delineated and labeled with descriptive names only, i.e., light, beacon, marker, etc.

Forms 76-40 were not prepared. All positions of landmarks and nonfloating aids will be forwarded to the Marine Chart Division with Job CM-7219, which is a part of project SCOPE.

38. Control for Future Surveys - None

39. Junctions

Refer to Form 76-36B, item #5, submitted with this Descriptive Report.

40. Horizontal and Vertical Accuracy

This map complies with National Map Accuracy Standards.

41. thru 45. Inapplicable

46. Comparison with Existing Maps

A comparison has been made with the following 1:24,000 scale USGS quadrangles:

Beaufort, NC, edition of 1949, photorevised in 1971  
Mansfield, NC, edition of 1951, photorevised in 1971

47. Comparison with Nautical Charts

A comparison has been made with the following nautical charts:

Chart 420, scale 1:40,000, 42nd edition, Feb. 16, 1974  
Chart 423, scale 1:12,500, 14th edition, Dec. 8, 1973

Items to be Applied to Nautical Charts Immediately - None

Items to be Carried Forward - None

Submitted by,

*G. Fromm*  
G. Fromm

Approved and forwarded:

*E. L. Rolle*

E. L. Rolle

Quality Control Section

TP-00516

49. NOTES FOR THE HYDROGRAPHER

An ozalid copy of this map was furnished to the hydrographic party and labeled "Discrepancy Print for the Hydrographer". All notes for the Hydrographer were applied to this print.

FIELD EDIT REPORT  
JOB CM 7402  
BEAUFORT INLET, N.C.  
MAP TP-00516

52. Adequacy of Compilation

Compilation was adequate. The MHWL was accepted as compiled in accordance with instructions from the Chief, Coastal Mapping Division, dated May 28, 1974. No significant changes or deviations of mapped features were noted. Four piling were overlooked during compilation. Two of them were visible on the photographs, they were indicated on the field edit ozalid and cross-referenced to the proper photograph. The other two piling were located from photo points which were entered on form 76-53. The methods of location were shown on Sketch "A" and "B", which are included with this report and the approximate positions were indicated on the field edit ozalid.

The "bulkhead" at latitude  $34^{\circ} 41.8'$ , longitude  $76^{\circ} 44.3'$  is a concrete wall in front of a "boardwalk" (boardwalk is actually concrete) and the openings in the wall are stairways to the beach.

54. Recommendations

There are no recommendations.

56. Landmarks and Non-Floating Aids for Navigation

There was no requirement for landmarks or non-floating aids for this project. See the field edit report for the SCOPE project of this area which will be submitted at a later date.

57. Rocks, Reefs, and Shoals

There are no rocks or reefs within the compiled limits of this map. Three or four objects were compiled as "rocks" but an inspection at or near MLW failed to reveal anything in the indicated areas. The "rocks" were deleted from the field edit ozalid. There are no shoals, as defined within the compiled limits of this map. The "shallow" areas along the seaward shore of Bogue Banks closely approximate shoals, but as they are practically in the foreshore they do not meet the criteria for shoals.

58. Photography

Photography consisted of 1:5000 color ratio prints and was very good. The photography was not prepared for office use.

59. Disposition of Data

The field edit ozalid, the color ratio photography, and all field edit data were forwarded to the Director, Atlantic Marine Center.

*Richard E. Kesselring*  
Richard E. Kesselring  
Surveying Technician  
Photo Party 62

## PHOTOGRAMMETRIC OFFICE REVIEW

XT0263

(20)

1. PROJECTION AND GRIDS E.R.	2. TITLE E.R.	3. MANUSCRIPT NUMBERS E.R.	4. MANUSCRIPT SIZE E.R.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY E.R.	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) N.A.		7. PHOTO HYDRO STATIONS N.A.
8. BENCH MARKS E.R.	9. PLOTTING OF SEXTANT FIXES N.A.	10. PHOTOGRAMMETRIC PLOT REPORT E.R.	11. DETAIL POINTS N.A.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE E.R.	13. LOW-WATER LINE E.R.	14. ROCKS, SHOALS, ETC. E.R.	15. BRIDGES N.A.
16. AIDS TO NAVIGATION N.A.	17. LANDMARKS N.A.	18. OTHER ALONGSHORE PHYSICAL FEATURES E.R.	19. OTHER ALONGSHORE CULTURAL FEATURES E.R.
PHYSICAL FEATURES			
20. WATER FEATURES E.R.	21. NATURAL GROUND COVER E.R.		22. PLANETABLE CONTOURS N.A.
23. STEREOSCOPIC INSTRUMENT CONTOURS E.R.	24. CONTOURS IN GENERAL E.R.	25. SPOT ELEVATIONS E.R.	26. OTHER PHYSICAL FEATURES E.R.
CULTURAL FEATURES			
27. ROADS E.R.	28. BUILDINGS E.R.	29. RAILROADS N.A.	30. OTHER CULTURAL FEATURES E.R.
BOUNDARIES			
31. BOUNDARY LINES N.A.		32. PUBLIC LAND LINES N.A.	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES E.R.	34. JUNCTIONS E.R.		35. LEGIBILITY OF THE MANUSCRIPT E.R.
36. DISCREPANCY OVERLAY E.R.	37. DESCRIPTIVE REPORT E.R.	38. FIELD INSPECTION PHOTOGRAPHS N.A.	39. FORMS E.R.
40. REVIEWER Edward L. Rolle		SUPERVISOR, REVIEW SECTION OR UNIT S.G. Blankenbaker	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER Jerry L. Hancock		SUPERVISOR Joseph W. Vonasek	
43. REMARKS			

Review Report  
Photogrammetric Bathymetry  
and Topographic Map TP-00516  
May 1976

61. General Statement

The map was reviewed in its Class I (field edit applied) stage by the Quality Control Group. The Descriptive Report contains all of the pertinent information which may be required by users of this map.

62. Comparison with Registered Topographic Surveys - None

63. Comparison with Maps of Other Agencies

Refer to Compilation Report, Item #46.

64. Comparison with Contemporary Hydrographic Surveys

Photobathymetry is a component part of the map. A copy of the map was furnished the hydrographic party to provide support for a standard hydrographic survey. The hydrographic survey was accomplished in all areas not covered by photobathymetry. Sounding lines were run to evaluate the photobathymetry and to resolve questions noted by the compilation office.

The Officer-in-Charge, Atlantic Hydrographic Party, had the final authority and responsibility for resolving discrepancies, if any, between hydrographic and photogrammetric data. All accepted photobathymetry was transferred to the smooth sheets and identified as such by the hydrographer.

A comment is carried on the map as follows: Depths on this map may not be final. Refer to contemporary hydrographic surveys of the area for combined photobathymetry and hydrography.

65. Comparison with Nautical Charts

Refer to Compilation Report, Item #47.

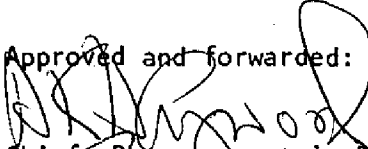
66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and complies with Compilation Instructions and Bureau requirements.

Submitted by

  
E. L. Rolle

Approved and forwarded:

  
Chief, Photogrammetric Branch

  
Chief, Coastal Mapping Division

3 June 1975

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7402 (Beaufort Inlet, N. C.)

TP-00516

Atlantic and East Carolina (RR)

Atlantic Beach

Bogue Banks

Bogue Sound

Camp Glenn

Cedar Hammock

Drum Shoals

Hoop Pole Creek

Money Island

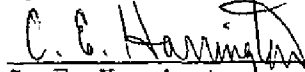
Money Island Bay

Money Island Slough

Morehead City

Onslow Bay

Approved

C. E. Harrington  
Staff Geographer C51x2

TP-00516  
National Archives Data

- 1 Discrepancy Print for the Field Editor
- 4 Form CGS-152
- 2 Sketches ("A" & "B" for location of pile)

Photography:

73C(C)6393, 6395, 6397 and 6399